PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference LKS98-04A	FOR FURTHER see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.					
International application No.	International filing date (day/month/ye	ar) (Earliest) Priority Date (day/month/year)				
PCT/US 99/16452	22/07/1999	23/07/1998				
Applicant		23/07/1990				
LEUVOCTES THO						
LEUKOSITE, INC. et al.	:					
This International Search Report has been according to Article 18. A copy is being to	en prepared by this International Searchin ransmitted to the International Bureau.	g Authority and is transmitted to the applicant				
	s of a total of sheets. y a copy of each prior art document cited i	n this report.				
Basis of the report						
 With regard to the language, the language in which it was filed, un 	international search was carried out on the less otherwise indicated under this item.	ne basis of the international application in the				
the international search v	vas carried out on the basis of a translatio	n of the international application furnished to this				
b. With regard to any nucleotide ar was carried out on the basis of th X contained in the internation	nd/or aming acid sequence disclosed in	the international application, the international search				
	filed together with the international application in computer readable form.					
	furnished subsequently to this Authority in written form.					
	furnished subsequently to this Authority in computer readble form. the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the					
international application a	is filed has been furnished.					
the statement that the info furnished	ormation recorded in computer readable fo	orm is identical to the written sequence listing has been				
2. X Certain claims were fou	nd unsearchable (See Box I).					
3. Unity of invention is lack	king (see Box II).					
4. With regard to the title ,						
X the text is approved as su	the text is approved as submitted by the applicant.					
the text has been establish	hed by this Authority to read as follows:					
5. With regard to the abstract,						
the text is approved as subthe text has been establish	ned, according to Rule 38 2(b), by this Aut	hority as it appears in Box III. The applicant may, a report, submit comments to this. Authority.				
5. The figure of the drawings to be public						
as suggested by the applic		None of the figures.				
because the applicant faile						
Decause this figure better	characterizes the invention.					

iternational application No. PCT/US 99/16452

INTERNATIONAL SEARCH REPORT

Box I Observations where certain claims were found unsearchable (Continuation o	f item 1 of first sheet)			
This International Search Report has not been established in respect of certain claims under Article 17	(2)(a) for the following reasons:			
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:				
see FURTHER INFORMATION sheet PCT/ISA/210				
Ciaims Nos.: because they relate to parts of the International Application that do not comply with the prescrian extent that no meaningful International Search can be carried out, specifically:	bed requirements to such			
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and thin	rd sentences of Rule 5.4(a).			
Box II Observations where unity of invention is lacking (Continuation of item 2 of firs	st sheet)			
This International Searching Authority found multiple inventions in this international application, as follows:				
en de la companya de La companya de la co				
As all required additional search fees were timely paid by the applicant, this International Search searchable claims.	h Report covers all			
2. As all searchable claims could be searched without effort justifying an additional fee, this Author of any additional fee.	rity did not invite payment			
·				
3. As only some of the required additional search fees were timely paid by the applicant, this Interrocovers only those claims for which fees were paid, specifically claims Nos.:	national Search Report			
4. No required additional search fees were timely paid by the applicant. Consequently, this Internat restricted to the invention first mentioned in the claims; it is covered by claims Nos.:	ional Search Report is			
• 				
Remark on Protest The additional search fees were accompanie	ed by the applicant's protest.			
No protest accompanied the payment of add				

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Although claims 14-25,30-32,39-44 and 52-54 are directed to a method of treatment of the human/animal body and claims 26,27 and 33-38 are directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

INTEPNATIONAL SEARCH REPORT

rational Application No

CLASSIFICATION OF SUBJECT MATTER PC 7 C07K16/28 G01 GO1N33/53 A61K39/395 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 CO7K GO1N Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Х FRADE J M R ET AL: "The amino-terminal 1 - 54domain of the CCR2 chemokine receptor acts a coreceptor for HIV-1 infection." JOURNAL OF CLINICAL INVESTIGATION, (1997 AUG 1) 100 (3) 497-502. , XP002099012 page 498, column 1, paragraph 6 page 498, column 2, paragraph 4 page 499, column 2, paragraph 3 figures 3,4 Υ 15,21 Χ WO 97 31949 A (PHARMACIA & UPJOHN AB 1 - 54; CONSEJO SUPERIOR INVESTIGACION (ES); LIND P) 4 September 1997 (1997-09-04) page 5, line 18 -page 11, line 8 examples 3.4 Υ 15,21 -/--Х Further documents are listed in the continuation of box C. X Patent family members are listed in annex. Special categories of cited documents ; "T" later document published after the international filling date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the *E* earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a pers on skilled in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report Z i 01 00 28 December 1999 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Muller-Thomalla, K

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rCT/US 99/16452

C.(Continue	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	rCT/US 99/16452	
Category °	Citation of document, with indication, where appropriate, of the relevant passages		
,		Relevant to claim No.	
(FRADE J M ET AL: "Characterization of the CCR2 chemokine receptor: functional CCR2 receptor expression in B cells." JOURNAL OF IMMUNOLOGY, (1997 DEC 1) 159 (11) 5576-84. , XP002126697 abstract page 5577, column 1, paragraph 3 -page 5580, column 2, paragraph 2	1-19, 26-32, 41-51	
	WO 95 19436 A (CHARO ISRAEL ;COUGHLIN SHAUN (US); UNIV CALIFORNIA (US)) 20 July 1995 (1995-07-20) page 5, line 13-31 page 7, line 15 -page 9, line 8 claims 1-14	1-19, 26-32, 41-51	
,	Crarins 1-14	15,21	
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national Application No rCT/US 99/16452

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